alphaTel 5000 DE and DL

User's guide

LOEWE.

Concerning your telephone

Dear customer!

Congratulations on your purchase of this **Loewe** product. The Loewe alphaTel 5000 DE / DL is designed and certified in accordance with the European standard for cordless telephones (DECT). You can use this unit on both an analog exchange line and a PABX.

The alphaTel 5000 consists of a handset and a base station (alphaTel 5000 DE). You can log in up to six handsets on the base station.

To increase the range of your telephone, you can register handsets on up to four base stations.

The transmission technology used between handset and base station meets the DECT standard and offers a high degree of privacy on your calls.

The Loewe alphaTel 5000 DE/DL offers several special features.

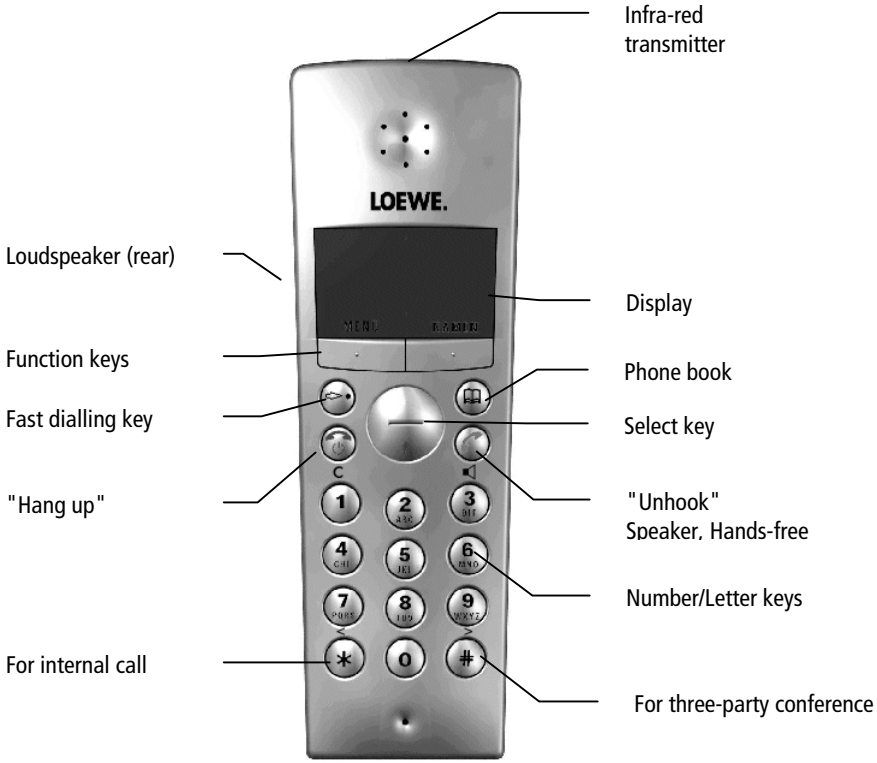
→ 5-line illuminated LCD
→ Speaker and hands-free operation
→ Family telephone book for 180 entries, 16 characters for name, 24 characters for numbers
→ Personal telephone book for 30 entries
→ Call list for 30 calls with phone number, name, date and time
→ Wake up call function
→ Remote control for TV/audio equipment (infrared, RC5)

Before you start using your telephone, please take a few minutes to read this user's guide.

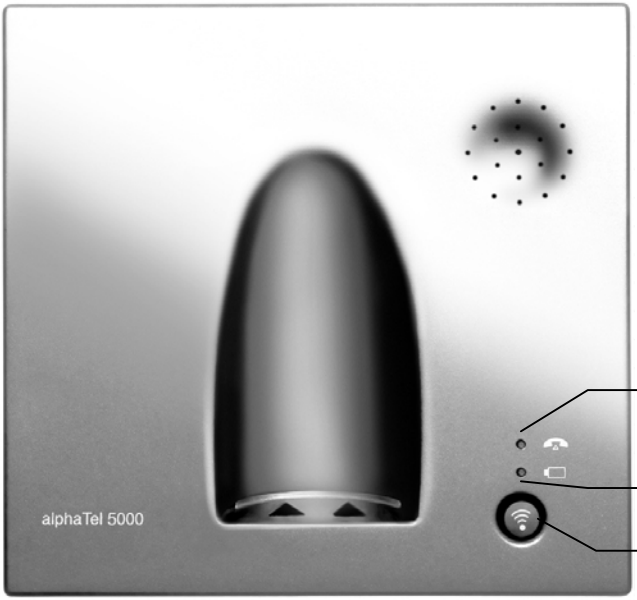
What the alphaTel 5000 includes:

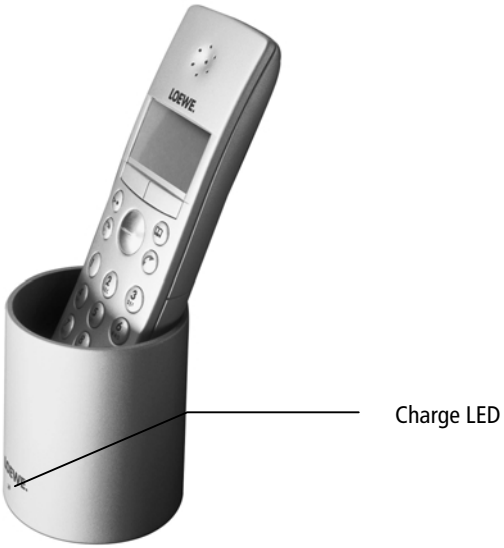
	DE	DL
Base station	x	-
Charging unit	-	x
Handset	x	x
AC adapter	x	x
2 NiMh batteries, 1.2 V, type AAA/Micro	x	x
Line cord	x	-
Stand	x	-
User's guide	x	x

Loewe alphaTel 5000 Handset



Loewe alphaTel 5000 Base Station and Charging Unit





How to find the right function fast

Key functions

The key functions are listed in the table below. Some keys have different functions depending on which mode is active (for ⌓ and ✳ also depending on how long you press the key).

	During a call	**Programming mode / Phone book**	**Standby state**
⌓ (🔊) Unhook key	Speaker, hands-free	Confirm functions or entries	• "Seize" line • Dial after preparing dialling
⌓ Hang up key (C)	Go on-hook at end of call	Return • to previous menu (short press) or • standby (long press)	• Keypad lock on/off (press 1 sec) • Handset power on/off (off - 2 sec)
✳ (long press)	• Accept external call while internal call waits (connection to handset is put on hold) • Broker between internal and external call		Call handset
# (long press)	Start and end three-party conference		
Function keys	Select the option shown in the display with the button (see below)		
Fast dialling key	Quick access to frequently used memory locations and functions		
Select key	Receiver and Speaker Volume	Selection in the menus and phone book	Calling the redialling memory
📖			Call phone book

Menu

The Loewe alphaTel 5000 is a menu-prompted telephone. The menu offers access to all setting procedures and many of the telephone functions. Selection of a menu item often opens a sub-menu which is sometimes followed by even more menus.

The various options are selected with the Select key and confirmed with the right function key if **OK** appears above it in the display.
Faster operation is often possible with the numeric keys. Selection and confirmation take place already when the numeric keys are pressed (digits are assigned to the menu items which are shown in the bottom display line).

The abbreviations used are usually self-explanatory, look in the appropriate section of the user guide if you are not sure.

Below you will find the functions which are executed when you press the function keys:

Text above the function key	Executed function
MENU	Call the menu
EMERGENCY CALL	Call the list of stored emergency numbers (long press)
✉	Call the caller list in the case of new entries
CRM	Call the redialling memory
CANCEL	Cancel the function
RINGER OFF	Ringer is switched off, the call can still be answered
IR-MUTE	Muting of TV and audio system when a call is received
BACK	Short press: Back to the previous menu or operating state Long press: Back to the standby state
OK	Confirmation
CALL HOLD	Short press: Flash, long press: With hook flash, line functions can be performed on the exchange line, with flash call hold or seize outgoing line on PABX may be possible.
BROKERING	Switching back and forth between two callers.
YES	Executing a delete function, reset to ex-factory state
NO	Delete function not executed
⌫	The character to the left of the flashing cursor is deleted, the menu exited when pressed long
SPEAK	Muting of microphone is reset
ALL	Call all handsets
AUTO-CRM	Start automatic redialling

Display

The following symbols are visible in the handset display depending on the operating state

	Information on the connection between the handset and the base
	Information about the battery charging state
	Telephone is in speaker or hands-free mode
	Keypad locked
	New call in the caller ID list
	Alarm

The display is illuminated for 10 seconds after pressing any key.

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1 Preparing the Telephone for Use

Your telephone is ready to use after just a few simple operations. However, we would still like to give you a few general hints.

→ Both the base station/charging unit and the handset are ready for use after the batteries have been installed and charged. The handset of the alphaTel 5000 DE has already been registered on the base station. With the basic settings, you can start using it immediately on the exchange line. First you have to log on the alphaTel 5000 DL to the base station of the alphaTel 5000 DE (or another DECT unit) (see section 5.9"*Logging Handset On/Off*").

→ Neither the handset nor the base station will function when a power failure occurs or the AC adapter is not connected. A power failure does not affect the settings, phone book entries, caller ID list and redial memory.

→ Use only the included AC adapter.

→ The base station and the handset should not be used in the immediate vicinity of electrical equipment (e.g., medical equipment, satellite receivers, telephones, televisions and energy-saver lamps) or metallic objects.

→ Never use the telephone in potentially explosive areas (e.g., paint shops).

→ Never expose your telephone to direct sunlight or other sources of heat. It is designed for normal room conditions.

→ People with hearing aids should remember that the radio signals between base station and handset can cause a very unpleasant buzzing noise in their hearing aids.

→ **Use only the included batteries. Do not use non-chargeable batteries (danger of explosion!).**

→ Make sure that the charging contacts do not come into contact with metallic or greasy objects.

→ The time and date must be set if they are to be shown in the display and saved together with the calls in the caller ID list (section 6.5"*Setting the date and Time*").

1.1 Base Station

Installation site

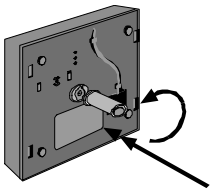
Set up the base station at a central site in the area in which you want to use the telephone (e.g., in the hall of your apartment).

You will need a 230 V mains socket at this site.

If you also want to use the telephone outside your building (e.g., in your yard), set up the base station in a room which points toward the yard and is at window height.

Installation surface

Place the base station on a flat surface.



Due to the wide variety of paint and polishes used on furniture, we cannot guarantee that the feet of the unit will not leave marks on the surface on which it is placed.

The base station can be installed with or without feet. If the base station is positioned at a slant with the included stand, make sure that this does not scratch delicate surfaces.

Range

Depending on the ambient conditions, the outdoor range is approximately 300 m. The indoor range between base station and handset is approximately 50 m, depending on the construction of the building.

Note: Building construction (e.g., use of steel) may further limit the range.

Installation

Insert the connectors in the order shown below.

alphaTel 5000 DE

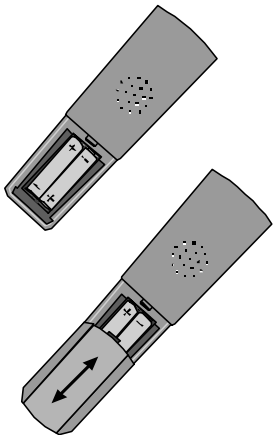
1. Insert western connectors of line cord and AC adapter into the appropriate sockets on the bottom of the base station.
2. Insert connector of the line cord into wall socket.
3. Connect AC adapter to a mains socket.

alphaTel 5000 DL

1. Insert jack plug of the AC adapter into the socket on the bottom of the charging unit.
2. Connect AC adapter to a mains socket.

1.2 Handset

Note: Put the base station/charging unit into operation first before the handset so that the batteries of the handset can be charged immediately and the handset of the alphaTel 5000 DE is able to locate "its" base immediately.
The handset of the alphaTel 5000 DL must be logged on to the base station of the alphaTel 5000 DE (or another DECT unit) (see section5.9"*Logging Handset On/Off*").



Installation: Battery

The handset is powered by two chargeable batteries.

1. Hold handset with keys pointing down.
2. Open battery compartment and insert included batteries. Make sure poles are correct!
3. To close, slide the cover onto the battery compartment until it closes tight .

Charging the batteries

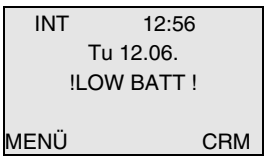
The included batteries are not charged.

To charge, place the handset on the base station / into the charging unit.

You will hear a signal tone and see the charging LED of the base station go on to confirm that the batteries are being charged.

At certain times, the LED goes off briefly. The charging state is checked during this time.

The batteries are fully charged when the LED begins to flash (maintenance charge).



The symbol in the upper right corner of the display indicates the charging status of the batteries (corresponds to the number of segments addressed). In addition the message "LOW BATT" appears when the batteries are empty.

Fully charged batteries allow you to telephone for up to 7 hours. The standby time of a fully charged battery is up to 100 hours.

Notes:

→ Fully charge the batteries before making your first telephone call. This takes about 6 or 7 hours.

→ The capacity of the batteries is unknown when you insert them. A correct display is only achieved after a complete charging cycle.

→ New batteries usually reach their full capacity after a few charging and discharging cycles.

→ Shorter operating times may occur depending on the battery state. Replacement of the original NiMH batteries by other NiMH or NiCd batteries of the AAA/Micro type gives other talking and standby times depending on their capacity.

→ Shorter operating times than those specified may result due to the use of the integrated LCD illumination and the infrared function.

Turning handset on/off

After the batteries have been installed, the handset is on.

To turn off the handset, press ⏻ longer than 2 seconds. To turn it on again, press ⏻ again. The handset also turns on automatically when replaced on the base station/charging unit and the following message appears for 5 minutes.

Note: A handset which is turned off does not ring. However, the base station still continues to ring. To accept a call with the handset, turn the handset on first. Remember that it may take some time before the handset is connected to the base station.

2 During a Call

The symbol on the display indicates whether the telephone is located in the radio range of a base station. Indication of all three segments means optimum transmission is guaranteed.

2.1 Incoming Calls

When you are called, the base station and all handsets which are switched on ring. The on-line state LED on the base station begins to flash.

The display of the handset indicates:

→ the telephone number of the caller (if the telephone number is transmitted) or

→ The name of the caller (if tel. number is transmitted and the caller is entered in the phone book)

Note: In Switzerland the phone number of caller is only transmitted on an ISDN PABX.

If a VIP calls, `*** VIP Call ***` appears in the display (on condition that the corresponding caller ID is in the phone book, see section 3.2 "*Creating a New Entry*"). In addition, the ringer volume and melody of the handset can be set separately for VIPs. (Section 5.4 "*Setting the Volume and Melody of the Ringer*").

If you **do not want to answer the call**, you can switch off the ringing of the handset for this call by pressing the left function key **`RINGER OFF`**.

The caller still hears the "ringing" and if you wish, you can still answer the call by pressing ✆.

If you want to **mute the TV or audio**, to be able to telephone undisturbed, press the function key **`IR-MUTE`** (providing the function is activated, see section 5.11 "*Activating/ Deactivating the Infrared Remote Control*").

Please note, however, that the right function key is occupied by the **`CALL HOLD`** function 20 seconds after "unhooking" and then muting is only possible under the menu.

The muting of the TV and / or audio system can be deactivated immediately after "hanging up" by pressing the right function key

(**IR-MUTE)**. Other functions can be performed on the TV/audio system with the alphaTel 5000 handset (see section 2.7 "*Infrared interface*").

If the refer-back function is required more often after answering a call, you can switch off the infrared function (see section 5.11), in this case the Refer-back function key is available immediately after answering a call. If you need both functions, we recommend you to make an entry in the network functions phone book. This is then available immediately after seizing the line when you open the phone book.

In the ex-factory state the handset is set so that it answers the incoming call immediately it is lifted from the base station / charging unit. If the handset is not on the base, you have to press a key to answer the call.

To end the call, press ⏻ or place the handset back on the base station / charging unit.

2.2 Caller ID List

The caller ID list contains the last 30 incoming calls (regardless of whether or not they have been answered) with phone number, name, date and time if the phone numbers are transmitted with the call (an entry in the phone book is a prerequisite for storing the name). Answered calls are entered as old entries, unanswered calls as new entries. ✉ appears in the display for new entries.

As long as the storage capacity of 30 calls has not been exhausted, calls are also listed without phone numbers (you can then see how often you have been called).

Note: The phone number is only displayed if the network provider supports this function and the caller and called party have the release for this feature. If you operate your telephone on a PABX, this must also support the CLIP (CLIP is the abbreviation for "Calling Line Identification Presentation") function!

The callers are listed is chronological order in the caller ID list. If one caller has called several times, only the last call is listed with the time. The number of attempted calls (max. 9) is shown additionally.

To call the caller ID list, press the function key ✉. If only old calls are stored, you go to the caller ID list by pressing the function key **MENU** and selecting the menu item **Caller list**.
First the number of the last caller and his name (if he is already listed in the phone book) appears. Look for the desired entry with ⊖.

You can select the phone number directly from the caller ID list (see section 2.3.4 *"Dialling from the Caller ID List"*).

After calling the caller ID list, the following options are offered when pressing the **MENU** function key:

>Options<	
Clear entry	Page 14
Clear all	Page 14
Trans. to TelB	Page 14
Dial number	Page 19
BACK **OK**	

Transferring the phone number from the caller ID list to the phone book

You can transfer phone numbers from the caller ID list to the private or family phone book.

⊖ Phone number

1. Call the caller ID list. Find the desired caller or the desired phone number from the caller list with ⊖ .

```
                MENU
⊖ Trans. To TelB
  BACK      OK
```

2. Press the **MENU** function key, select the menu item **Trans. to TelB** with ⊖ and confirm with **OK**. You are prompted to enter the appropriate name.

123 456 789 0 Enter name

3. Enter the name with the number keys and confirm with **OK**.

```
  I←            MENU
⊖ Save entry
  BACK          OK
⊖ TelB Private
or TelB Family
  BACK          OK
```

4. Press the **MENU** function key. You can save the entry immediately or mark the entry first as a VIP. After confirming with **OK**, a menu appears in which you can save the entry in one of the phone books (section 3" *Phone Book*").
5. Select the phone book and save the entry with the function key **OK**.

Clearing an entry from the caller ID list

You can delete a single entry or all entries from the caller ID list.

1. Call the caller ID list.

⊖

2. Fin the entry to be cleared with ⊖.

```
  MENU
⊖ Clear entry
  Phone number
  YES           NO
```

3. Press the **MENU** function key and select the menu item **Clear entry** with ⊖ . After confirming with **YES** the appropriate entry is cleared.
   To clear all entries in the caller ID list, select the menu item **Clear all**. Confirm the subsequent security prompt with **YES,** all entries are cleared.

2.3 Outgoing Calls

2.3.1 General

Dialling without dialling preparation

Press ✆ and enter the desired phone number. The numbers are dialled immediately, correction is not possible.

The following functions are available with the **MENU** key during the call:

>Options<	
Infrared Mode	Page 25
Microphone mute	Page 24
Transfer to TelB	Page 17
Answer call	Page 65
Int. call	Page 64
BACK **OK**	

Letter dialling

This telephone is also suitable for letter dialling, i.e. the printed letters are assigned to the right digits. Instead of a certain sequence of numbers which is hard to remember, you can enter a seven-letter name, e.g. for LOEWETV you press the keys 5639388 (random example).

Chain dialling

Manually entered and numbers stored in the phone book can be dialled in any combination and order.

2.3.2 Call Preparation

In call preparation you enter the phone number first, can correct it if necessary and only then seize the line. The call preparation is necessary when dialling through a network provider.

Dialling with call preparation

1. Enter the desired phone number.
   Clear the digit entered last by pressing the I← key briefly. If you press the key longer than 1 second, the phone number entry is aborted.
   The following functions are available with the **MENU** *key during phone number input:*

>Options>	
Dial the number	Page 16
Insert pause	Page 16
Insert Flash	Page 16
Insert H-Flash	Page 16
Trans. to TelB	Page 17
Copy to CRM	Page 17
BACK **OK**	

   → To enter a dial pause, select the menu item **Insert pause** with ⊖ and confirm with **OK**.

   → To enter flash or hook flash select the menu item **Insert flash** or **Insert H-flash** with ⊖ and confirm with **OK**.

2. The telephone dials the entered phone number after confirming the menu item **Dial number** or simply after pressing ✆. The dialling progress is indicated by flashing of the respective digit.

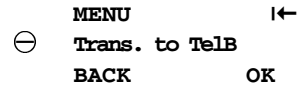
   If you want to dial the entered phone number later, you can store it:

   → In the phone book

   → in the redialling.

Transferring phone number to the phone book

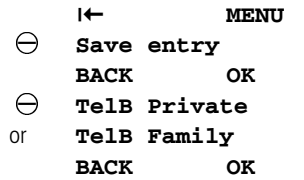
The phone number entered when dialling can be transferred to a phone book before dialling.



1. Press the **MENU** key, select the menu item **Trans. to TelB** with ⊖ and confirm with **OK**.
   You are prompted to enter a name.

Enter name

2. Enter the name with the numeric keys (according to the character table in section 3.2 "*Creating a new entry*") and confirm with **OK**.

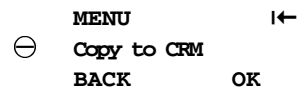


3. Press the **MENU** key. You can save the entry immediately, insert a pause, flash or H-flash or first mark as a VIP and then store in a phone book (see section 3 "*Phone* Book").
4. Terminate the input with **OK**.

You can also create an entry in the phone book during a call with the same procedure(see section 2.8 "*Notebook function*").

Copying the phone number to the redialling memory

When dialling with call preparation, you can copy phone numbers to the redialling memory.



Press the **MENU** key after entering the phone number, select the menu item **Copy to CRM** with ⊖ and confirm with **OK**.
The phone number is transferred to the redialling memory where it awaits your call (see section 2.3.6 "*Redialling*").

2.3.3 Dialling via Other Network Providers

If the network provider function (see section 4.4) is activated, the following menu with the network providers entered in the base station appears first in the case of manual call preparation or after calling a phone number from a memory (caller ID list, redialling memory, phone book) after pressing ✆ (or confirmation of the menu item **`Dial number`**)

>Network provider<
Network provider 1
Network provider 2
....
Network provider 10
New network prov.
No network prov.
BACK **OK**

There are 10 network providers available altogether. The network provider last used is active.
If you want to telephone without or via another, unlisted network provider, select the menu item **`No network prov.`** or **`New network prov.`**

It is also possible to define a time control for the days from Monday to Friday and for the weekend in which the cheapest network provider is active for every hour (see section 4.2 "*Time Table for Network Providers*"). If the time control function is activated, the network provider number valid according to the time control is dialled immediately without any further prompting before the phone number.

For local calls, switching via a network provider is not cheap. It is therefore possible to enter 5 such codes 4.3 "*Codes (for Telephoning without Network Providers*"), for which the network provider number is bypassed. If the phone number begins with one of these codes dialling does not take place via the network provider.

2.3.4 Dialling from the Caller ID List

MENU
⊖ **Caller list**
BACK **OK**

1. Press the **MENU** key, select menu item **Caller ID list** with ⊖ and confirm with **OK** (see section 2.2 "*Caller ID List*").
   When new calls are received, ✉ appears above the right function key. In this case you can call the caller ID list immediately by pressing the right function key.

>Caller ID list<
10.02. 23:11h 5x
Meier, Hans
123456789
BACK MEN

2. Find the desired caller or phone number in the caller ID list with ⊖.

3. The displayed subscriber is called when you press ✆.

Note: If you want to clear the entries or transfer them to a phone book, press the **MENU** key and select the appropriate option (see section 2.2 "*Caller ID List*").

2.3.5 Dialling via the Phone Book

With call preparation:

📖

1. Press 📖.

   The following phone books are called by repeatedly pressing 📖:

   TelB Family→ TelB Private → TelB Central→ Phone book for network functions

>TelB Central<
Bauer
Miller
Schulze
BACK MENÜ

⊖ Miller

2. Find the desired entry in the appropriate phone book with ⊖. If you press the ⊖ key briefly, the next entry appears in the display, however, if you press the key longer, a continuous display appears. In a large phone book a preselection can be made by first pressing the numeric key with the appropriate initial letter.

✆

3. Press ✆.
   The subscriber is called.

Without call preparation:

1. Press ✆.

📖

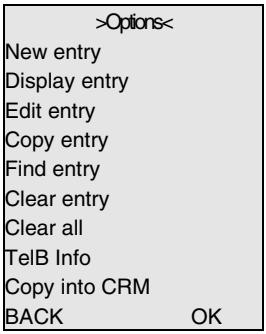
2. Press 📖.
   The following phone books are called by repeatedly pressing 📖 :
   Phone book for network functions → TelB Family→ TelB Private → TelB Central

⊖ Müller

3. Find the desired entry in the appropriate phone book with ⊖.

OK

4. Press ✆.
   The subscriber is called.



Notes:

→ In both cases (with or without call preparation) the options shown opposite can be called by pressing the **MENU** key (see section 3 "*Phone Book*").

→ If a PIN has been defined for the handset, this must be entered when calling the personal (**TelB Private**) and the central phone book (**TelB Central**).

2.3.6 Redialling

CRM above the right function key indicates that the redialling memory is not empty.

The handset automatically saves the last 20 dialled phone numbers (with a maximum 24 digits). Both phone numbers dialled manually and numbers dialled via the phone book or the caller ID list are saved in the redialling memory.

After calling the redialling memory the last 3 calls appear first in the display, the "newest" is highlighted against a dark background. If one phone number has been dialled several times it is only displayed once.

Calling the redialling memory

→ with the **CRM** function key or

→ with the Select key or

→ if there is no **CRM** key, with the **MENU** function key, select the **Redialling** menu item and confirm with the **OK** key.

The following options are available after pressing the **MENU** key:

>Options<	
Transfer to TelB	Page 21
Edit entry	Page 22
New entry	Page 21
Display entry	Page 23
Clear entry	Page 23
Clear all	Page 23
BACK **OK**	

Dialling from the redialling memory

⊖ 0123456
BACK **MENU**

1. Call the redialling memory and find the desired phone number with ⊖.
2. Press ✆.
   The number is dialled.

Transferring the phone number to the phone book

You can transfer phone numbers from the redialling memory to the private or family phone book.

⊖ 0123456789

1. Call the redialling memory and find the desired phone number with ⊖.

BACK **MENU**
⊖ **Transf. to TelB**
BACK **OK**

2. Press the **MENU** key, select the menu item **Trans. to TelB** with ⊖ and confirm with **OK**.
   You are prompted to enter an appropriate name.

Enter name

3. Enter the name with the numeric keys and confirm with **OK**.

I← **MENU**
⊖ **Save entry**
OK
⊖ **TelB Private**
TelB Family
BACK **OK**

4. Press the **MENU** key. You can save the entry immediately or mark it as a VIP first. After confirming with **OK** a menu appears in which you can save the entry in one of the phone books.
5. Terminate the entry with **OK**.

Editing an entry from the redialling memory

⊖ 123456789

1. Call the redialling memory and find the desired phone number with ⊖.

BACK **MENU**
⊖ **Edit entry**
BACK **OK**

2. Press the **MENU** key, select the menu item **Edit entry** with ⊖ and confirm with **OK**.

⊖ 123456789
I← **MENU**

3. You can edit the phone number by moving the cursor to the position to be edited with ⊖ and then deleting the character to the left of the flashing cursor by pressing the left function key (you exit the menu by pressing the left function key long). To insert a pause, flash or hook-flash, press the MENU key and select the appropriate function.

MENU
⊖ **Save entry**
BACK **OK**

4. You save the edited entry by pressing the **MENU** key, selecting the menu item **Save entry** and confirming with **OK**.

New entry in the redialling memory

⊖ 1234567890
BACK **MENU**

1. Call the redialling memory, press the **MENU** key, select the menu item **New entry** with ⊖ and confirm with **OK**.

Enter number

2. Enter the phone number.
To insert a pause, flash or hook-flash, press the **MENU** key and select the appropriate function.

I← **MENU**
⊖ **Save entry**
BACK **OK**

3. To save the phone number in the redialling memory, press the **MENU** key, select the menu item **Save entry** with ⊖ and confirm with **OK**.

Displaying an entry from the redialling memory

If a phone number consists of more than 16 digits, only the last 16 digits are displayed initially when the redialling memory is opened, by briefly pressing ⊛ you can view the first digits (return with ⊛). Another possibility is with the menu.

⊖ 1234567890
ZURÜCK **MENÜ**

1. Call the redialling memory and find the desired entry with ⊖.

⊖ **Display entry**
BACK **OK**

2. Press the **MENU** function key, select the **Display entry** menu item with ⊖ and confirm with **OK**.
The phone number is displayed in full IF the phone number was stored in the phone book, the corresponding name is also displayed.

Clearing a phone number from the redialling memory

You can clear one or all entries from the redialling memory .

⊖ 1234567890
BACK **MENÜ**

1. Open the redialling memory and find the entry to be cleared with ⊖.

⊖ **Clear entry**
BACK **OK**

2. Press the **MENU** key, select the **Clear entry** menu item with ⊖ and confirm with **OK**.
If you want to clear the entire redialling memory, select the menu item **Clear all** with ⊖ .

3. If you confirm the following security prompt with **YES**, the entry or all entries are cleared.

2.4 Receiver and Speaker Volume

Receiver and speaker volume (in hands-free or group listening mode) can be adjusted. Three volume levels for the receiver and 5 for the speaker are possible.

Adjusting the receiver volume

⊖

With ⊖ you can increase the receiver volume during the call. The selected receiver volume remains stored even after the end of the call.

Adjusting the speaker volume

⊖ With ⊖ you can adjust the speaker volume during the call in hands-free or group listening mode. The selected speaker volume also remains stored after the end of the call.

2.5 Hands-free / Group Listening

In group listening other persons in the room can listen, in hands-free mode you put down the handset and have your hands free to make notes for example.

By repeatedly pressing ✆ you switch to group listening mode (once) and hands-free (twice) and back. Switching from normal to group listening and hands-free mode is shown briefly on the display. The speaker symbol is also visible in both operating modes.

You end the call by pressing ⌓ or placing the handset back on the base station / charging unit.

Notes:

→ Group listening and hands-free are also possible during internal calls.

→ The volume can be set and stored separately in group listening and hands-free operation.

→ You can only switch to groups listening and hands-free operation when the battery symbol has at least one segment.

2.6 Muting the Microphone

If you want to speak to someone in the same room during a telephone conversation without the other person on the phone being able to hear you:

MENU CALL HOLD
⊖ **Microphone mute**
BACK OK

Press the **MENU** key, select the menu item **Microphone mute** with ⊖ and confirm with **OK**.

TALK

To end muting, press the **TALK** key.

2.7 Infrared Remote Control

Some important functions of your TV or audio system can be performed with the alphaTel 5000 handset.
The TV and audio system are muted immediately by pressing the right function key **IR-MUTE** when an incoming call is received (see section 2.1 "*Key functions*"). In addition the following functions are available both in the standby state and during a call after pressing the **MENU** key and selecting and confirming the menu item **Infrared mode**:

Function key	Executed function
IR-MUTE (function key)	TV **and** audio: Mute sound or switch sound back on
📖	Switch between TV and Audio
✆	Switch TV or audio off and on (switching back on for some TV sets as with their remote control with number keys)
⊖	Adjust volume of TV or audio
0 - 9	Change program slot for TV or audio (tuner)
#/ *	TV: Program to higher / lower memory locations Audio: Track change on CD forwards / reverse

MENU

⊖ **Infrared mode**
BACK **OK**

1. Press the **MENU** key
2. Select the menu item **Infrared mode** with ⊖ and confirm with **OK**.
   >Infrared TV< appears in the display The listed functions apply to the TV set. Switch over to **>Infrared Audio<** with 📖 if the audio system is to be controlled**.**
3. Enter one of the functions listed above.

   The TV **and** audio system are still muted as always with the right function key **IR-MUTE**.

Note: Only the TVs and audio systems which use the infrared code RC5 can be operated with the integrated remote control (such as the new Loewe products). Please consult your user guide or ask your dealer whether your set/system supports this code.

2.8 Notebook Function

You can create an entry in the phone book during call:

⊖	**MENU CALL HOLD** **Transf. to TelB.** **BACK OK**
123 456 789 0	Meier
123 456 789 0	0123456789
⊖	**MENU** **Save entry** **BACK OK**
⊖	**TelB Private** **TelB Family** **Network functions** **BACK OK**
Or or	

1. Press the **MENU** key, select the menu item **Trans. to TelB** with ⊖ and confirm with **OK**.
2. Enter the name with the numeric keys and confirm with **OK**.
3. Enter the corresponding phone number with the numeric keys and confirm with **OK**.
4. Press the **MENU** key. You can store the entry in one of the phone books immediately, insert a pause, flash or hook-flash or mark the entry as a VIP first and then store.
5. Terminate the entry with **OK**.

2.9 Displaying the Call Time

Your telephone displays either the call time or, for an outgoing exchange call the call charges (if the call charge pulse is released). The call time is always displayed for an incoming exchange call or if the charge pulse is not released.

The call time is displayed 20 seconds after seizing the line and is visible for another 20 seconds after hanging up.

2.10 Timer

You can also use the telephone as an alarm or countdown timer (short-time alarm). It is possible to set the alarm time and select whether you want to woken once, daily, from Monday to Friday or at the weekend. In order to be able to set the alarm time, you have to set the clock on the base station first (see section 6.5 "*Setting the Date and Time*").

You can cancel the countdown timer before starting with the **Cancel** key or after starting at any time with any other key.

You will be alerted by short signal tones in the receiver if the alarm starts during a telephone call.

Setting the countdown timer

MENU
⊖ **Timer**
BACK **OK**

1. Press the **MENU** key. Select the **Timer** menu item with ⊖ and confirm with **OK**.

⊖ **Countdown Timer**
BACK **OK**

2. Select the **Countdown Timer** menu item with ⊖ and confirm with **OK**.

Set time
I← **OK**

3. Enter the time after which the alarm is to start with the numeric keys and confirm with **OK**.

The activated countdown is displayed in the bottom display line.

Setting the alarm time

MENU
⊖ **Timer**
BACK **OK**

1. Press the **MENU**. Key. Select the **Timer** menu item with ⊖ and confirm with **OK**.

⊖ **Alarm**
I← **OK**

2. Select the **Alarm** menu item with ⊖ and confirm with **OK**.

Alarm time
OK

3. Enter the time when you want to woken by the telephone with the numeric keys and confirm it with **OK**.

⊖ once, daily, Monday to Friday or weekend
BACK **OK**

4. With ⊖ select whether you want to be woken once, every day, from Monday to Friday or at the weekend and confirm with **OK**.

The clock symbol is displayed in the top corner when the alarm function is activated.

Switching off the alarm

	MENU	
⊖	**Timer**	
	BACK	**OK**
⊖	**Reset**	
	BACK	**OK**

1. Press the **MENU** key. Select the **Timer** menu item with ⊖ and confirm with **OK**.
2. Select the **Reset** menu item with ⊖ and confirm with **OK**.
3. The alarm and countdown timer is switched off after confirming again with **OK**.

2.11 Network Functions

The network operator provides certain comfort features which can be used elegantly with the alphaTel 5000. It is possible to create appropriate entries for network functions in the phone book. If you do not want to use the comfort services, you can also use this phone book for normal phone number entries.
The comfort services are available after calling the **Network functions** phone book (in the busy state after pressing the phone book key once, in the standby state by pressing 4 times).

The comfort services can only be used if your line is released for this service.

The phone book already contains the following entries for network functions when it leaves the factory:

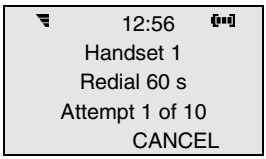
Function	Code
Call back ON	HP*37#
Call back OFF	#37#
Call waiting ON	*43#
Call waiting OFF	#43#

2.12 Automatic Redialling

If no connection is made because the called party is busy or does not answer, you can start automatic redialling after hanging up.

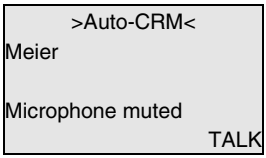
If you press the **BACK** key no automatic dialling is started and the originally dialled phone number is transferred to the redialling memory without any further action.

If you press the **AUTO-CRM** key, the desired subscriber is called automatically 10 times at 1 minute intervals which is displayed by a "countdown" and the number of remaining call attempts. Short signal tones are audible five seconds before "seizing the line". The alphaTel 5000 is then in group listening mode, the microphone is muted.



The automatic redialling is aborted with the **CANCEL** key or on-hook key.

The automatic redialling is also aborted when you receive a call.



After seizing the line, the display changes and you can reset the muting of the microphone immediately by pressing the **TALK** key to talk to the subscriber in receiver mode.

3 Phone Book

Three phone books are available for phone book entries:

→ a personal phone book (**TelB Private**) for 30 entries

→ a family phone book (**TelB Family)**

→ a phone book for network functions (**network functions)**

In the family phone book and the phone book for network functions a maximum 180 entries are possible.

The **TelB Central** phone book contains all entries of the personal phone book, the family phone book and the phone book for network functions.

All phone book entries are in alphabetical order.

The name in a phone book may consist of 16 characters, the number of 24 digits.

The following functions are available in the phone books after pressing the **Menu** function key

>Options<	
New entry	Page 31
Display entry	Page 31
Edit entry	Page 33
Copy entry	Page 34
Find entry	Page 33
Clear entry	Page 35
Clear all	Page 35
TelB Info	Page 36
Copy to CRM	Page 36
BACK **OK**	

Calling the phone book function and displaying entries

Press 📖.

The following phone books are called in order by repeatedly pressing 📖:

In standby

TelB Family→ TelB Private → TelB Central → Phone book for network functions

In busy state

Phone book for network functions → TelB Family→ TelB Private→ TelB Central

To prevent all the entries in the private phone book being accessible to all users, you have to define your own handset PIN (see section 5.1 "*Changing the Handset PIN*"). This PIN is always asked for when you open the private and the central phone books.

3.2 Creating a New Entry

BACK **MENU**
⊖ **New entry**
BACK **OK**

1. Press the **MENU** key after opening the phone book, select the **New entry** menu item with ⊖ and confirm with **OK**.

123 456 789 0 Enter name

2. Enter the name with the numeric keys. The name may have up to 16 characters.

   Every numeric key is assigned several letters in addition to its digit. By pressing once or several times (within 1 second) you select the desired character. After making the entry the cursor moves one place to the right automatically after 1 second or immediately if you press another numeric key within this second.
   The first letter of a word is automatically written in upper case. If you want the whole word in upper case, press ⊛ before entering the second letter.

   Mover the cursor to the left and right with ⊖. You can clear the character entered last or the character to the left of the cursor with the I← key.

The table below shows which key must be pressed how often to enter a character:

Key	1x	2x	3x	4x	5x	6x	7x	8x	9x	10x	11x	12x
①	1											
②	a	b	c	2	ä	à	á	ã	â	å	æ	ç
③	d	e	f	3	è	é	ë	ê	đ			
④	g	h	i	4	ì	í	î	ï				
⑤	j	k	l	5	£							
⑥	m	n	o	6	ö	ò	ó	ô	õ	ø	ň	
⑦	p	q	r	s	7	ß	$					
⑧	t	u	v	8	ü	ù	ú	û				
⑨	w	x	y	z	9	ý	þ					
⓪	Space	0										
ⓝ	#	*	(	)	/	.	,	!	?	’	-	_
	13x	14x	15x	16x	17x	18x	19x	20x				
	\	@	+	&	=	”	€	$				

I← **OK** 3. Confirm the name you have entered with **OK**. You are prompted to enter the phone number.

Enter number 4. Enter the phone number with the numeric keys. The phone number may have up to 24 digits.

To enter flash or hook flash or a dialling pause of 2 seconds, press the **MENU** key, select the desired function with ⊖ and confirm with **OK**.

You can create a VIP entry by pressing the **MENU** key, selecting the **As VIP entry** menu item with ⊖ and confirming with **Yes**.

The header is highlighted against a dark background in the display when this VIP entry is called later.

I← **MENU** 5. To save the entry, press the **MENU** key, select the menu item **Save entry** with ⊖ and confirm with **OK**.

⊖ **Save entry**

BACK **OK**

⊖ Phone book
BACK **MENU**

First select the phone book in which the entry is to be saved with ⊖:

TelB Private	for the personal phone book,
TelB Family	for the family phone book
Network functions	for the network phone book.

Confirm with **OK**.

If the entry is already listed in the phone book you will be alerted to it.

3.3 Finding an Entry

You can find an entry quickly with the search function:

📖

1. Press the key 📖 until the desired phone book is opened in which you want to find an entry.

⊖ **MENU**
Find entry
BACK **OK**

2. Press the **MENU** key, select the menu item **Find entry** with ⊖ and confirm with **OK**.

123 456 789 0 Initial letter of the name

3. Enter the initial letter, or better still the first two or three, of the name of the phone book listing you are looking for with the numeric keys.

I← **OK**
⊖

4. Start the search with **OK**.
If an entry is found, it is displayed with name and phone number. Go to the previous or next entry with ⊖.

3.4 Editing an Entry

You can change the phone number of a phone book entry later.

📖

1. Press the 📖 key until the desired phone book in which you want to edit an entry is opened.

⊖

2. Select the entry to be changed with ⊖.

BACK **MENU**
⊖ **Edit entry**
BACK **OK**

3. Press the **MENU** key, select the **Edit entry** menu item with ⊖ and confirm with **OK**.

1 2 3 4 5 6 7 8 9 0 Change number

4. Change the name or the phone number using the following keys:

   ⊖ move the cursor to the left or right,

   1 2 3 4 5 6 7 8 9 0 Insert digit at the cursor position,

   I← delete the character to the left of the cursor (if the function key is pressed briefly) or abort the entry (if function key is pressed longer than 1 second).

   If you press the **MENU** key you can insert a pause, flash or hook-flash to the left of the position marked by the cursor or mark the entry as a VIP.

MENU
⊖ **Save entry**
BACK **OK**

To save the changes, press the **MENU** key, select the **Save entry** menu item with ⊖ and confirm with **OK**.
You can then choose the phone book in which you want to store the entry:

TelB Private	for the personal phone book,
TelB Family	for the family phone book
Network functions	for the network phone book.

3.5 Copying an Entry

The copy function is useful if there are several phone numbers under one name.

📖

1. Press the 📖 key until the phone book from which you want to copy an entry is opened.

⊖

2. Select the entry you want to copy with ⊖.
   Note: In order to be able to find an entry quickly in large phone books, proceed as described in section 3.3 "*Finding an Entry*".

MENU
⊖ **Copy entry**
BACK **OK**

3. Press the **MENU** key, select the **Copy entry** menu item with ⊖ and confirm with **OK**.
   The phone book entry is copied and the copy opened for editing when you press **OK** again.

4. Change the name or phone number as desired (see section 3.4 "*Editing an Entry*").

MENU
⊖ Save entry
BACK OK

5. To save the new entry, press the **MENU** key, select the **Save entry** menu item with ⊖ and confirm with **OK**.

You can now select the phone book in which you want to save the entry:

TelB Private	for the personal phone book,
TelB Family	for the family phone book
Network functions	for the network phone book.

3.6 Clearing an Entry

You can clear individual or all phone book entries.

📖

1. Press the 📖 key until the desired phone book from which you want to clear an entry is opened.

⊖

2. Find the entry to be cleared with ⊖.

MENU
⊖ Clear entry
BACK OK

3. Press the **MENU** key, select the **Clear entry** menu item with ⊖ (to clear a single entry) or **Clear all** (to clear all entries; a special entry need not be selected) and confirm with **OK**.

BACK OK
YES NO

4. If you press the function key **OK** and answer the following security prompt with **YES,** the phone book entry (or all of them) is cleared.

   The next entry appears in the display.

3.7 Copying an Entry into the Redialling Memory

You can transfer a phone book entry to the redialling memory.

1. Press the 📖 key until the desired phone book from which you want to copy an entry to the redialling memory is opened.
2. Select the entry to be copied with ⊖.
3. Press the **MENU** key, select the **Copy to CRM** menu item with ⊖ and confirm with **OK**.

MENU
⊖ **Copy to CRM**
BACK **OK**

3.8 Calling Memory Info

You can ask how many phone book entries are stored in the private and in the family/network functions phone book.

1. Press the key 📖.
2. Press the **MENU** key, select the **TelB Info** menu item with ⊖ and confirm with **OK**.

   A display appears in which the number of phone book entries in the private and family phone books is displayed.

BACK **MENU**
⊖ **TelB Info**
BACK **OK**

4 Settings for Network Providers

You can store 10 network providers with names in the network provider list. The network provider list is stored in the base station and is available to every handset.

You can find out which network providers are the cheapest for you in the Internet or in magazines. When you have activated the "network provider" function, you are first asked to enter the desired network provider in call preparation or after calling a phone number from a memory (caller list, redialling, phone book) on pressing the ✆ key (see section 2.3.3 *"Dialling via Other Network Providers"*).

A time control for the days from Monday to Friday and for the weekend can be activated in which the cheapest network provider can be selected for every hour.

If the network provider mode is set to time control, the network provider number valid according to the time control is selected without any further request before the phone number.

For local calls, switching via a network provider is not cheap, if the phone number contains one of the stored regional codes, the network provider function is deactivated automatically.

4.1 Creating the Network Provider List

MENU
⊖ **Settings**
BACK **OK**

⊖ **Base**
BACK **OK**

⊖ **Network provider**
BACK **OK**

⊖ **Set. net. prov.**
BACK **OK**

⊖ Network provider 1 to 10
BACK **OK**

123 456 789 0 Enter name
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Base** menu item with ⊖ and confirm with **OK**.
3. Select the **Network provider** menu item with ⊖ and confirm with **OK**.
4. Select the **Set. net. prov.** menu item with ⊖ and confirm with **OK**.
5. Select the memory location for the network provider with ⊖ and confirm with **OK**.
6. Enter the name of the network provider with the numeric keys and confirm with **OK**.

123 456 789 0 Enter number

BACK **OK**

7. Enter the code of the network provider with the numeric keys and confirm with **OK**.

4.2 Time Table for Network Providers

With the time table you can set to the very hour when (Monday-Friday / weekend and time) which network provider is used.

Creating the time table

MENU

⊖ **Settings**

BACK **OK**

⊖ **Base**

BACK **OK**

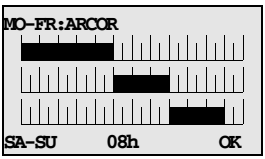
⊖ **Network provider**

BACK **OK**

⊖ **Time control**

BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Base** menu item with ⊖ and confirm with **OK**.
3. Select the **Network provider** menu item with ⊖ and confirm with **OK**.
4. Select the **Time control** menu item with ⊖ and confirm with **OK**.
   The time axes of three network providers (from 0 to 24 h) are displayed simultaneously. The middle time axis with the flashing cursor applies for the selected network provider, his name can be seen in the top line together with the area of activity .
   The exact position of the flashing cursor is displayed in the center of the bottom line (e. g.: 08h = 8 h).



5. Select the network provider with ⊖.

   The following functions are available for determining the time range:

⊖ or ②, ⑧	Select network provider
⑥, ⑥	Select hour forwards
⑧, ④	Select hour backwards
⑤ or ✆ or function key OK	Confirm
Function key OK	Save settings by pressing **long**
①, ☎	Exit menu without saving

6. Move the cursor to the desired hour and set or reset the marking with ⑤ (or ✆ or the **OK** key) To determine a time range, this procedure must be repeated in the hour grid.
   Switch between **MO-FR** and **SA-SU** with the left function key and then define the network providers you want on these weekdays But save first as described in point 7..
7. Store the time table by pressing **OK long.**

Note: To activate the time control defined here, the handset must be set according to section 4.4.

4.3 Codes (for Telephoning without Network Providers)

In certain regions it is cheaper not to telephone via network providers. Five codes can be entered for this. The telephone recognizes these automatically and dialling does not take place via the currently set network provider – despite the network provider function being activated.

⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Network provider**
BACK **OK**

3. Select the **Network provider** menu item with ⊖ and confirm with **OK**.

⊖ **Code**
BACK **OK**

4. Select the **Code** menu item with ⊖ and confirm with **OK**.

⊖ Code 1 to 5
BACK **OK**

5. Select the memory location of the code with ⊖ and confirm with **OK**.

Enter number
I← **OK**

6. Enter the code with the numeric keys and confirm with **OK**.

4.4 Network Provider List / Activate/Deactivate Time Table

The codes defined in sections 4.1 to 4.3 for network providers, the time table and the codes for telephoning without network providers are stored in the base station. However, they are only available when the appropriate option is activated in the handset.

Network provider list activate

	MENU ⊖ **Settings**	1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
⊖	**Handset** **BACK OK**	2. Select the **Handset** menu item with ⊖ and confirm with **OK**.
⊖	**Network provider**	3. Select the **Network provider** menu item with ⊖ and confirm with **OK**.
⊖	**Net. prov. ON** **Net. prov. OFF** **Time control** **BACK OK**	4. Select the **Net. prov. ON** menu item with ⊖ if the network provider list is to be offered for manual selection when dialling. Select the **Net. prov. OFF** menu item to deactivate the network provider list. If a network provider is to be dialled automatically before the entered phone number according to the time table defined in section 4.2, activate the **Time control** menu item.
	BACK OK	5. Confirm with **OK**.

5 Setting the Handset Individually

The following functions are available in the **Settings** menu:

>Handset<	
Tones & melodies	Page 43, 45
Baby call	Page 46
Network provider	Page 40
Auto answer	Page 43
Log on	Page 48
Name handset	Page 47
Select base	Page 63
PIN handset	Page 41
Language	Page 42
Infrared mode	Page 50
Factory setting	Page 51
BACK **OK**	

5.1 Changing the Handset PIN

Important functions and settings of the handset and the personal phone book are protected by the handset PIN (Personal Identity Number) if you have entered your own PIN.

Every handset can be assigned its own PIN.

Notes:

→ The four-digit handset PIN is set to *0000* at the factory.

→ The handset PIN is only asked for if a PIN different to 0000 has been programmed.

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Handset**
BACK **OK**

2. Select the **Handset** menu item with ⊖ and confirm with **OK**.

   If a handset PIN has already been set, you have to enter this PIN now.

⊖ **Handset PIN**
BACK **OK**

3. Select the **Handset PIN** menu item with ⊖ and confirm with **OK**.

New PIN
I← **OK**

4. Enter your handset PIN with the numeric keys and confirm with **OK**.

Note: Commit the new handset PIN to memory.

5.2 Setting the Display Language

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **HANDSET**
BACK **OK**

2. Select the **Handset** menu item with ⊖ and confirm with **OK**.

⊖ **Language**
BACK **OK**

3. Select the **Language** menu item with ⊖ and confirm with **OK**.

⊖ Select language
BACK **OK**

4. Select the desired language with ⊖ and confirm with **OK**.

5.3 Automatic Dial Tone

If the handset is not on the base station, you always have to press ✆ to answer an **incoming** call. If the handset is on the base station or charging unit however, the call is answered immediately you lift the handset. This ex-factory setting can be changed so that you have to press ✆ in both cases to seize the line.

	MENU	
⊖	**Settings**	
	BACK	**OK**
⊖	**Handset**	
	BACK	**OK**
⊖	**Auto Answer**	
	BACK	**OK**
⊖	Auto Answer on/off	
	BACK	**OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ an confirm with **OK**.
2. Select the **Handset** menu item with ⊖ and confirm with **OK**.
3. Select the **Auto Answer** menu item with ⊖ and confirm with **OK**.
4. To deactivate the automatic dial tone, select the **OFF** setting with ⊖ . Select **ON** to activate it.
   Confirm the setting with **OK**.

5.4 Setting the Volume and Melody of the Ringer

The volume and melody of the handset and base station ringers can be adjusted separately. Ten different melodies and 10 volume levels are possible for the handset (including ringer off).

In addition, you can select a different melody and volume for callers marked as "VIP"s in the phone book. You then know from the ring that a "VIP" is calling! The special VIP ringing only becomes active with the second ringer signal however.

The display flashes during the call with **! Call !** even when the handset ringer is switched off.

>Tones & melodies<	
Ringer volume	Page 44
Ringer melody	Page 44
VIP volume	Page 44
VIP melody	Page 44
Touch tone	Page 45
BACK **OK**	

Setting the ringer volume

	MENU **Settings** **BACK** **OK**
⊖	**Handset** **BACK** **OK**
⊖	**Tones & melodies** **BACK** **OK**
⊖ or	**Ringer volume** **VIP vol.** **OK**
⊖	

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Handset** menu item with ⊖ and confirm with **OK**.
3. Select the **Tones & melodies** menu item with ⊖ and confirm with **OK**.
4. Select the **Ringer volume** or **VIP vol.** menu item with ⊖ and confirm with **OK**.
5. Select the desired volume with ⊖ or the numeric keys (the new volume level is demonstrated briefly) and confirm with **OK**.

Setting the ringer melody

	MENU **Settings** **BACK** **OK**
⊖	**Handset** **BACK** **OK**
⊖	**Tones & melodies** **BACK** **OK**
⊖ Or	**Ringer melody** **VIP melody** **BACK** **OK**
⊖	

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Handset** menu item with ⊖ and confirm with **OK**.
3. Select the **Tones & melodies** menu item with ⊖ and confirm with **OK**.
4. Select the **Ringer melody** or **VIP melody** with ⊖ and confirm with **OK**.
5. Select the desired melody with ⊖ or the numeric keys (the new melody is demonstrated) and confirm with **OK**.

5.5 Touch Tone

The key click which you hear when you press a key serves as confirmation of an entry. It can be switched off.

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Handset**
BACK **OK**

2. Select the **Handset** menu item with ⊖ and confirm with **OK**.

⊖ **Tones & melodies**
BACK **OK**

3. Select the **Tones & melodies** menu item with ⊖ and confirm with **OK**.

⊖ **Touch tone**
BACK **OK**

4. Select the **Touch tone** menu item with ⊖ and confirm with **OK**.

⊖ Touch tone on /off
BACK **OK**

5. Change between **ON** and **OFF** with ⊖ and confirm with **OK**.

5.6 Locking the Keypad

You can protect the keypad of a switched on handset against being operated accidentally, e.g. when carrying in your pocket. An incoming call automatically unlocks the keypad. You can lock the keypad again after the call by pressing ⌓.

MENU
⊖ **Keypad lock**
BACK **OK**

Press the **MENU** key, select the **Keypad lock** menu item with ⊖ and confirm with **OK**.

On standby you can also lock the keypad by pressing ⌓ for about 1 second.

The keypad lock is released when you press ⌓ for 1 second again (it cannot be unlocked under the menu).

Note: The handset switches off when you press ⌓ for longer than 2 seconds on standby.
The right function key is occupied by **EMERGENCY CALL** in the locked state. If it is pressed for longer than one second, a menu appears with the available emergency numbers which can be dialled when you press the **OK** key which appears or the off hook key.

5.7 Baby Call

If you leave your child alone at home, he/she can call you wherever you are with the baby function. The telephone dials the stored number whichever key is pressed.
The baby call is activated after entering the phone number and can be switched off and back on without entering the phone number again.

Entering the baby call number

	MENU ⊖ **Settings** **BACK** **OK**
⊖	**Handset** **BACK** **OK**
⊖	**Baby call** **BACK** **OK**
⊖	**Baby call number** **BACK** **OK**
123 456 789 0	Baby call number **I←** **OK**
⊖	**Save entry** **BACK** **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Handset** menu item with ⊖ and confirm with **OK**.
3. Select the **Baby call** menu item with ⊖ and confirm with **OK**.
4. Select the **Baby call number** menu item with ⊖ and confirm with **OK**.
5. Enter the baby call number.
   To insert a pause, flash or hook-flash, press the **MENU** function key and select the appropriate function.
6. Save by pressing the **MENU** function key, select the **Save entry** menu item with ⊖ and confirm with **OK**. The baby call is activated automatically.

Activating / deactivating the baby call

	MENU ⊖ **Settings** **BACK** **OK**
⊖	**Handset** **BACK** **OK**
⊖	**Baby call** **BACK** **OK**
⊖	**Baby call mode** **BACK** **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Handset** menu item with ⊖ and confirm with **OK**.
3. Select the **Baby call** menu item with ⊖ and confirm with **OK**.
4. Select the **Baby call mode** menu item with ⊖ and confirm with **OK**.

⊖ **ON/OFF**
BACK **OK**

5. Change between **ON** and **OFF** with ⊖. Confirm with **OK**.

The activated baby call function is shown in the display by **Baby call**.
If you press the right function key for longer than 1 second, a menu appears with the available emergency numbers which are dialled when you press the **OK** key which appears or the off-hook key.

Notes:

→ The call is ended by pressing ⊘ or placing the handset back on the base station / charging unit.

→ The baby call is also made when the lock is activated (see section 6.3 "*Dialling Restrictions*").
Calls can be answered as described in section 2.1 "*Incoming Calls*".

→ If the network provider function is activated the baby call is made without a network provider code.

5.8 Entering the Handset Name

You can assign a name of 8 characters to every handset.

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Handset**
BACK **OK**

2. Select the **Handset** menu item with ⊖ and confirm with **OK**.

⊖ **Name Handset**
BACK **OK**

3. Select the **Name Handset** menu item with ⊖ and confirm with **OK**.

Handset name
I← **OK**

4. Enter the handset name with the numeric keys and confirm with **OK**.

The entered name now appears in the display instead of "Handset" in standby.

The handset name also appears additionally to the number on the display for an internal call.

5.9 Logging Handset On/Off

Every additional handset must be logged on to the base station. You can log a handset onto up to 4 base stations.

Logging on the handset

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Handset**
BACK **OK**

2. Select the **Handset** menu item with ⊖ and confirm with **OK**.

⊖ **Log on**
BACK **OK**

3. Select the **Log on** menu item with ⊖ and confirm with **OK**.

⊖ Base 1 to 4
BACK **OK**

4. Select the base station you want to log the handset on to with ⊖ and confirm with **OK**.

5. Press the paging key on the base station (for about 6 seconds) until you hear the log on signal.

6. Enter your base PIN and confirm with **OK**. If you have not yet defined your own PIN, enter 0000.
The free handset numbers are displayed after a successful log on.

⊖ Handset number 1 to 6
BACK **OK**

7. Select the handset number with the appropriate numeric keys and confirm with **OK**. If no handset number is selected, the handset is registered under the next highest free handset number.
The handset is logged on to the selected base station.

Notes:

→ Press the **LOG ON** key when logging on a new handset and then perform the steps from 4. onwards.

→ On account of the GAP capability it is possible to enter an 8-digit PIN whereby it is not necessary to confirm the entry with **OK**. Since the alphaTel5000 PIN only has 4 digits, the entry is terminated with **OK.**

Logging off the handset

Handsets can be logged off from the base station at any time, e.g. to replace a defective handset.

	MENU	
⊖	**Settings**	
	BACK	**OK**
⊖	**Base**	
	BACK	**OK**
⊖	**Log off**	
	BACK	**OK**
⊖	123456	
	BACK	**OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Base** menu item with ⊖ and confirm with **OK**.
3. Select the **Log off** menu item and confirm with **OK**. All logged on handset numbers are shown in the display.
4. Select the handset which you want to log off with the appropriate numeric key and confirm with **OK**.

5.10 Fast Dialling Key (Direct Memory)

With the fast dialling key ⊜ both frequently used phone book entries and time-consuming operating procedures can be called quickly.

Storing:

First select the phone book entry or function. If you then press the fast dialling key ⊜ for longer than one second, this phone book entry or function will be stored automatically (confirmed by an acoustic signal).

Executing:

1. When you press the fast dialling key ⊜ once the phone book (>**Tel. numbers**<), when pressed twice stored operating procedures (>**Functions**<) are opened.
2. Find the phone book entry or function with the ⊖ key.
3. To select the phone book entry, press ✆. To go to the selected function, press the **OK** key.

A sub-menu with the options **Clear entry** and **Clear all** is available with the **MENU** key. The menu >**Functions**< is exited by tapping ⊜.

5.11 Activating / Deactivating the Infrared Remote Control

The infrared remote control can be activated / deactivated. The default setting is activated.

	MENU
⊖	**Settings**
	BACK **OK**
⊖	**Handset**
	BACK **OK**
⊖	**Infrared Mode**
	BACK **OK**
⊖	**ON/OFF**
	BACK **OK**

1. Press the **MENU** function key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Handset** menu item with ⊖ and confirm with **OK**.
3. Select the **Infrared Mode** menu item with ⊖ and confirm with **OK**.
4. Change between **ON** and **OFF** with ⊖ . Confirm with **OK**.

5.12 Factory Settings Handset

Ringer volume	9
Ringer melody	5
Receiver volume	1
Speaker volume	3
Key click	On
Network provider	Off
Phone book	Empty
Redialling	Empty
Caller ID list	Empty
Baby call	Off
Automatic answering	On
Handset PIN	0000
Infrared mode	On

Resetting to factory settings

MENU

⊖ **Settings**

BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Handset**

BACK **OK**

2. Select the **Handset** menu item with ⊖ and confirm with **OK**.

⊖ **Factory settings**

BACK **OK**

3. Select the **Factory setting** menu item with ⊖ and confirm with **OK**.

   This is followed by a security prompt.

YES **NO**

4. If you confirm with **YES** the handset is reset to the factory settings.

Note: The contents of the phone book, redialling memory, caller ID list and baby call number as well as the handset name are retained even after resetting to the factory settings.

5.13 Acoustic Signalling on the Handset

Key click	Short high tone every time a key is pressed, the key click can be switched off (see section 5.5 *"Touch Tone"*)
Input error	Two short high tones if the wrong key is pressed
Confirm tone	Long, high tone for successful programming
Negative acknowledgement tone	Long, low warning tone if program is not completed successfully

6 Individual Base Station Settings

The following functions are available in the base station **Settings** menu:

>Basis<	
Call check	Page 59
Network provider	Page 37
Date / Time	Page 58
Tones & melodies	Page 57
Dial setting	Page 70
Log off	Page 49
PIN base	Page 53
Factory setting	Page 62
BACK **OK**	

6.1 Changing the BASE PIN

Important functions and settings of the base station are protected by the Base PIN (Personal Identity Number) if you have entered your own PIN.

Notes:

→ The four-digit base PIN is set to *0000* at the factory.

→ The base PIN is only asked for if you have entered a PIN different to *0000*.

→ For the sake of simplicity the PIN request is no longer described here for most of the setting procedures.

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**. If a base PIN has already been programmed, you have to enter this now.

⊖ **PIN Base**
BACK **OK**

3. Select the **PIN Base** menu item with ⊖ and confirm with **OK**.

1234
I← **OK**

4. Enter the new base PIN and confirm with **OK**.

Note: Commit the new base PIN to memory.

6.2 Entering Emergency Call Numbers

To enable emergency numbers to be dialled despite a general lock being activated (see section 6.3 "*Dialling Restrictions*") you can store 4 emergency numbers (max. 10 digits). The pre-programmed country-specific emergency numbers can be found in section 6.8 "*Factory Settings Base Station*".

Note: If you operate your telephone on a PABX the exchange code must be prefixed to the emergency numbers (see section 8.1 *"Line Access Number "*)!

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Call check**
BACK **OK**

3. Select the **Call check** menu item with ⊖ and confirm with **OK**.

⊖ **Emergency numbers**
BACK **OK**

4. Select the **Emergency numbers** menu item with ⊖ and confirm with **OK**.

⊖ Emergency number 1
BACK **OK**

5. Select the memory location for the emergency number with ⊖, e.g. **Emergency number 1** and confirm with **OK**.

123456789
I← **OK**

6. Enter the emergency number with the numeric keys and confirm with **OK**. .
You delete characters to the left of the cursor by tapping **I←** . Another character can be inserted at the flashing cursor position with a numeric key. If the number already has 10 digits, one digit must be deleted with **I←** first.

6.3 Dialling Restrictions

An individual lock can be programmed for every handset. You can lock up to 5 numbers (up to 8 digits) or phone number beginnings. The phone number lock can be switched off and back on without entering the phone number again.

In addition the alphaTel 5000 offers a facility for general dialling restrictions for certain handsets to national or internal telephoning between handsets. The following functions are available in the call check menu.

>Call check<	
Call costs	Page 59
Call limit	Page 56
Number lock	Page 55
Emergency numbers	Page 54
BACK **OK**	

6.3.1 Phone Number Lock for Specific Phone Numbers

Entering phone numbers for phone number lock

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Call check**
BACK **OK**

3. Select the **Call check** menu item with ⊖ and confirm with **OK**.

⊖ **Number lock**
BACK **OK**

4. Select the **Number lock** menu item with ⊖ and confirm with **OK**.

⊖ 123456
OK

5. Select the number of the handset for which the phone number lock for specific phone numbers is to be activated with the numeric keys.

⊖ **Barred numbers**
BACK **OK**

6. Select the **Barred numbers** menu item with ⊖ and confirm with **OK**.

⊖ Barred number 1
BACK **OK**

1234567
I← **OK**

7. Select a memory location for the barred number with ⊖ e.g. **Barred number 1** and confirm with **OK**.
8. Enter the barred number with the numeric keys and confirm with **OK**.

Activating / deactivating the phone number lock

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Call check**
BACK **OK**

3. Select the **Call check** menu item with ⊖ and confirm with **OK**.

⊖ **Number lock**
BACK **OK**

4. Select the **Number lock** menu item with ⊖ and confirm with **OK**.

⊖ 123456
OK

5. Select the number of the handset in which the lock for specific phone numbers is to be activated with the numeric keys.

⊖ **LOCK ON/OFF**
BACK **OK**

6. Select the **LOCK ON/OFF** menu item with ⊖ and confirm with **OK**.

⊖ **ON/OFF**
BACK **OK**

7. Change between **ON** and **OFF** with ⊖. Confirm with **OK**.

6.3.2 General Dialling Restrictions

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Call check**
BACK **OK**

3. Select the **Call check** menu item with ⊖ and confirm with **OK**.

⊖ **Call limit**
BACK **OK**

4. Select the **Call limit** menu item with ⊖ and confirm with **OK**.

⊖ 12345
OK

5. Select the number of the handset for which you want to impose dialling restrictions with the numeric keys.

⊖ Worldwide/Internal/Internal only
BACK **OK**

6. With ⊖, select whether you want to allow **Worldwide** (unrestricted dialling), **National** (only national dialling) or **Internal only** (calls between handsets) for the handset. Confirm with **OK**.

6.4 Setting the Volume and Melody of the Ringer

The melody and volume of the base station ringer can be set individually similarly to in the handset. If there are several telephones in a room, different melodies are helpful. Ten melodies and 10 volume levels (including ringer off) are possible on the base station.

>Tones & melodies<	
Ringer volume	Page 57
Ringer melody	Page 58
BACK **OK**	

Setting the ringer volume

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Tones & melodies**
BACK **OK**

3. Select the **Tones and melodies** menu item with ⊖ and confirm with **OK**.

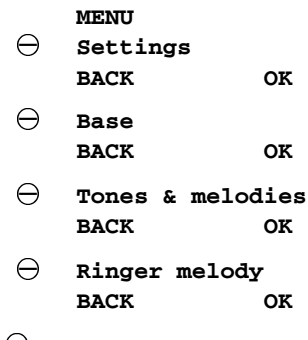
⊖ **Ringer volume**
BACK **OK**

4. Select the **Ringer volume** menu item with ⊖ and confirm with **OK**.

⊖

5. Select the desired volume with ⊖ (the new volume level is demonstrated briefly) and confirm with **OK**.

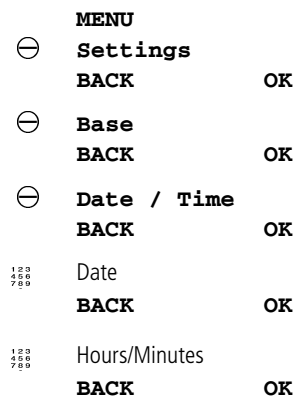
Setting the ringer melody



1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Base** menu item with ⊖ and confirm with **OK**.
3. Select the **Tones & melodies** menu item with ⊖ and confirm with **OK**.
4. Select the **Ringer melody** menu item with ⊖ and confirm with **OK**.
5. Select the desired melody with ⊖ (the new melody is demonstrated briefly) and confirm with **OK**.

6.5 Setting the Date and Time

If the date and time are not set, only strokes appear on the display in standby and there is no information about the calls stored in the caller ID list.



1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
2. Select the **Base** menu item with ⊖ and confirm with **OK**.
3. Select the **Date / Time** menu item with ⊖ and confirm with **OK**.
4. Enter the date with the numeric keys and confirm with **OK**.
5. Enter the hours and minutes with the numeric keys and confirm with **OK**.

6.6 Setting the Unit Price

Your telephone can display the current charges as well as the total costs. You can enter the amount per unit. You will find the basic setting in section 6.8 "*Factory Settings Base Station*".

Note: You have to apply for the charge pulse separately from your network provider.
The charge display of your phone may be different from your telephone bill for technical reasons .

Setting the unit price

	MENU **Settings** **BACK** **OK**	1. Press the **MENU** key, select the **Settings** menu item and confirm with **OK**.
⊖	**Base** **BACK** **OK**	2. Select the **Base** menu item with ⊖ and confirm with **OK**.
⊖	**Call check** **BACK** **OK**	3. Select the **Call check** menu item with ⊖ and confirm with **OK**.
⊖	**Call costs** **BACK** **OK**	4. Select the **Call costs** menu item with ⊖ and confirm with **OK**.
⊖	**Price/Unit** **BACK** **OK**	5. Select the **Price/Unit** menu item with ⊖ and confirm with **OK**. The unit price is displayed.
1 2 3 4 5 6 7 8 9 0	0,563 I← **OK**	6. Enter the unit price with the numeric keys and confirm with **OK**.

6.7 Displaying the Call Time and Costs

Displaying the total call time / last call time

	MENU **Settings** **BACK** **OK**	1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
⊖	**Base** **BACK** **OK**	2. Select the **Base** menu item with ⊖ and confirm with **OK**.
⊖	**Call check** **BACK** **OK**	3. Select the **Call check** menu item with ⊖ and confirm with **OK**.

⊖ **Call costs**
BACK **OK**

4. Select the **Call costs** menu item with ⊖ and confirm with **OK**.

⊖ **Total time**
or **Last time**
OK

5. Select the **Total time** or **Last time** menu item with ⊖ and confirm with **OK**.
The total call time or the time of the last call is displayed briefly.

Clearing the call time

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Call check**
BACK **OK**

3. Select the **Call check** menu item with ⊖ and confirm with **OK**.

⊖ **Call costs**
BACK **OK**

4. Select the **Call costs** menu item with ⊖ and confirm with **OK**.

⊖ **Reset Tel time**
YES **NO**

5. Select the **Reset Tel time** menu item with ⊖ and confirm with **OK**.
If you answer the security prompt **Are you sure?** with **YES**, the time is cleared.

Displaying costs

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Call costs**
BACK **OK**

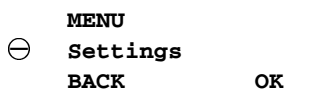
3. Select the **Call check** menu item with ⊖ and confirm with **OK**. Then select the **Call costs** menu item and confirm again with **OK**.

⊖ **Total costs**
Or **Last costs**
or **Costs/Handset**
BACK **OK**

4. Select the menu items **Total costs** for the incurred total costs or **Last costs** for the costs of the last call or **Costs/Handset** for the costs incurred by individual handsets with ⊖ and confirm with **OK**. If the **Costs/Handset** menu item is selected, all the logged on handsets appear in

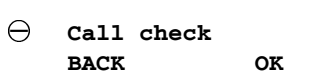
the display first after pressing **OK**. After selecting the desired handset, the costs it has incurred are displayed.

Clearing costs

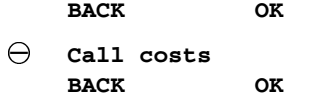


1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

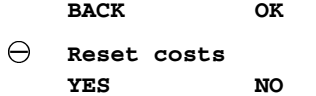
2. Select the **Base** menu item with ⊖ and confirm with **OK**.



3. Select the **Call check** menu item with ⊖ and confirm with **OK**.



4. Select the **Call costs** menu item with ⊖ and confirm with **OK**.



5. Select the **Reset costs** menu item with ⊖ and confirm with **OK**.
   If you answer the security prompt **Are you sure?** with **YES**, the time is cleared.

6.8 Factory Settings Base Station

Ringer volume	9
Ringer melody	5
Base PIN	0000
Unit price Germany Switzerland Belgium Luxembourg	 0.121 DM 0.10 Fr. 5 BFr 5 LFr
Network provider numbers	none
Flash	85 ms
Line access number	none
Dialling restrictions	none
Emergency numbers Germany Switzerland Belgium Luxembourg Netherlands	 110, 112 117, 118 100, 101 112, 113 112
Network functions phone book	See page 28

Resetting to factory settings

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Factory setting**
BACK **OK**

3. Select the **Settings** menu item with ⊖ and confirm with **OK**.

RESET

This is followed by a security prompt.

YES **NO**

4. If you answer **YES**, the factory settings are reset.

Note: The numbers stored for the different network providers remain in the memory.

7 Operating Several Handsets / Base Stations

Up to six handsets can be logged on at one base station.

In addition to an internal call between 2 handsets an external call can be held simultaneously with a third handset. If another handset is already holding an external call, you hear a busy signal and his number or name is visible in the display. alphaTel 5000 also allows a three-party conference with 2 handsets and one external party.

You can log your handset on to a maximum of 4 base stations. By appropriate positioning of the base stations you can extend the range of a handset.

7.1 Selecting the Base Station

If communication with the base station breaks down due to too weak a reception field strength, the handset then searches for the base station with the best reception properties (ex-factory setting; best base).

But you can also set the handset so that it only establishes a connection with a specific base station.

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Handset**
BACK **OK**

2. Select the **Handset** menu item with ⊖ and confirm with **OK**.

⊖ **Select base**
BACK **OK**

3. Select the **Select base** menu item with ⊖ and confirm with **OK**.

⊖ Base 1 to 4
OK

4. Select the base station with ⊖ and confirm with **OK**.

7.2 Internal Calls

You can make free internals calls with other handsets logged on to the same base stations.

An internal call has a special ringing tone so that you can distinguish clearly between an external and an internal call.

If you want to call another handset, press the ⊛ key long and then the number of the desired handset. To call all handsets, press the **ALL** key.

The internal call can also be made under the menu:

MENU
⊖ **Internal call**
BACK **OK**

1. Press the **MENU** key, select the **Internal call** menu item with ⊖ and confirm with **OK**.

⊖ Handset 1-6
BACK **ALL**

2. Select the handset to be called with the numeric keys.

   To call all handsets, press the **ALL** key

If a name has been entered for the calling handset (see section 5.8 "*Entering the Handset Name*"), this is displayed in the called handset (if it is an alphaTel 5000).

The conversation is ended by pressing the ⌓-key or placing the handset on the base station / charging unit.

You answer an internal call by pressing any key or removing the handset from the base station / charging unit (if the automatic answering is active).

7.3 Functions during a Call

During and internal or external call, you can operate your TV or audio system (see section 2.7" *Infrared* Remote Control"), mute the handset microphone (see section 2.6" *Muting the* Microphone"), transfer the called party's phone number to the phone book (see section 2.3.2 " *Transferring the phone number to* the phone book") with the alphaTel 5000 handset. But you can also answer and put through calls and set up a three-party conference.

>Options<	
Infrared Mode	Page 25
Mute microphone	Page 24
Trans. to TelB (x)	Page 17
Answer call	Page 65
Internal call (x)	Page 64
BACK **OK**	

(x) : not for internal calls

7.3.1 Accepting a Call / Brokering

If an external call is received during an internal call, a call waiting tone is heard in both handsets.

To accept the call, you can

⊛ Press long (the connection to the other handset is placed on hold) or

Press long (a three-party conference is set up immediately).

By repeated long pressing of ⊛ you can broker, i. e. switch back and forth between the two parties.

It is also possible to accept the call with a menu (press the **MENU** key, select **Answer call** and confirm with **OK** during the call). You can switch back and forth between the two calls by pressing the right function key **BROKER** or call another menu by pressing the left function key:

>Options<	
Three-party conference	Page 68
End active call	Page 28
End pass. call	Page 28
Brokering	Page 65
Microphone mute	Page 24
BACK **OK**	

To set up a three-party conference, select the menu item **Three-party conference**.

To cut off the connection to the current partner, select the menu item **End active call**.

To cut off the connection to the waiting partner, select the menu item **End pass. call**.

7.3.2 Call Hold

You are making an external call and want to refer back to another handset with ⊛ .

Call the desired handset by pressing ⊛ long and entering its number. Or, using the menu:

MENU
⊖ **Internal call**
OK

1. Press the **MENU** key and select the **Internal call** menu item with ⊖ and confirm with **OK**.

1 2 3 4 5 6 7 8 9 0 Handset number 1-6

2. The desired handset is called on pressing the appropriate numeric key.

3. As soon as the connection to the called handset is established you can switch back and forth between the internal and external partner with **BROKER**.

With the left function key you go to the menu already described above:

>Options<	
Three-party conference	Page 68
End active call	Page 28
End pass. call	Page 28
Brokering	Page 66
Microphone mute	Page 24
BACK **OK**	

If the called handset hangs up during the refere-back call, you are automatically re-connected to the external party.

7.3.3 Call Transfer

You can transfer an external call to another handset as follows.

1. Call the desired handset by pressing ⊛ long and entering the handset number.
2. When the called party answers, press ⌓ to transfer the call.

Transfer can also be performed with the menu:

1. Press the **MENU** key and select the **Internal call** menu item with ⊖ and confirm with **OK**.
2. Enter the number of the desired handset.
3. When the called party answers, press ⌓ to transfer the call.

Note: You do not have to wait until the internal connection has been set up to transfer the call. If the other handset does not accept the call within 30 seconds, it is automatically passed back to you.

7.3.4 Three-party Conference

A conference circuit is possible between one external and two internal parties. Starting with an existing external connection, you first call and internal party by pressing ⊛ long and entering the desired phone number.

If you want to set up a three-party conference with an existing internal connection, also call the external party by pressing ⊛ long and entering the desired phone number or with call preparation by selecting the phone number from a memory and then pressing ⊛ long.

When the called party answers, switch all parties into a three-party conference by pressing # long.

To end the three-party conference press # long again. The connection to the external party is maintained, the internal call is placed on hold.

If you end the three-party conference by pressing ⌓ the handset returns to the standby state and the external party remains connected with the other internal party. The connection to the external party is ended by pressing ⊛ long on one of the two handsets.

The three-party conference can also be started and ended with the menu.

7.4 Paging

You can call all handsets from the base station to find a mislaid handset for example.

Press the Paging key on the base station briefly.
All handsets ring for 30 seconds.

Ending paging prematurely:

Press the Paging key again or press any key on the handset.

Note: The paging function is only available when no calls are being made.

7.5 GAP Function

GAP (Generic Access Profile) is a standard interface between the base station and the handset. Any handset can be logged on to any base station regardless of the manufacturer.

Proceed as follows if you want to log on handsets of other manufacturers to your base station or you handset to the base station of another manufacturer:

1. Start the logon procedure on the base (base station operating manual).
2. Start the handset logon procedure (handset operating manual).
3. Enter the base PIN (base station operating manual).
4. End the handset logon procedure (handset operating manual).

Note: Not all functions and displays are guaranteed by other manufacturers.

8 Operation on a PABX

The line access number (LAN) must be pre-dialled to dial into the public telephone network on PABX's. Some systems also demand a pause between the LAN and the phone number. The telephone inserts this pause (of 2 seconds) automatically if the LAN has been programmed.

The LAN may consist of 4 digits .

It is not generally possible to call an internal partner with call preparation when time control for network providers is activated (section 4.4 "*Network Provider List / Activate/Deactivate Time Table*").

8.1 Line Access Number

	MENU	1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.
⊖	**Settings**	
	BACK **OK**	
⊖	**Base**	2. Select the **Base** menu item with ⊖ and confirm with **OK**.
	BACK **OK**	
⊖	**Dial setting**	3. Select the **Dial setting** with ⊖ and confirm with **OK**.
	BACK **OK**	
⊖	**Line access code**	4. Select the **Line access code** menu item with ⊖ and confirm with **OK**.
	BACK **OK**	
1 2 3 4 5 6 7 8 9 0	0	5. Enter the line access code with the numeric keys and confirm with **OK**.
	I← **OK**	

8.2 Recall Key (Flash Recall/Hook Flash)

You can set different flash times to adapt the telephone to your PABX: 85, 100 and 250 ms. The defaults are 250 ms for hook-flash and 85 ms for flash.

MENU
⊖ **Settings**
BACK **OK**

1. Press the **MENU** key, select the **Settings** menu item with ⊖ and confirm with **OK**.

⊖ **Base**
BACK **OK**

2. Select the **Base** menu item with ⊖ and confirm with **OK**.

⊖ **Dial setting**
BACK **OK**

3. Select the **Dial setting** menu item with ⊖ and confirm with **OK**.

⊖ **Flash time**
BACK **OK**

4. Select the **Flash time** menu item with ⊖ and confirm with **OK**.

⊖ 100 msec
OK

5. Select the desired flash time with ⊖ and confirm with **OK**.

Note: On the display the flash time is shown by **R** and the hook flash time by **H**.
The flash or hook flash function is available in the occupied state when the **CALL HOLD** key is pressed (short press: flash, long press: hook flash). The values set here also apply for the entries for phone numbers in a memory.

9 General Information

The unit is designed for use on a normal analog exchange line.

The unit can also be used on a PABX if the system meets the connection requirements of the exchange line. Since there is such a wide variety of PABX systems, we cannot guarantee that the unit will function correctly on all systems. If you have questions, please contact the suppliers of your system.

9.1 General Allocation of Frequencies by the Telecommunication Authorities

An official announcement (reg. TP 9/2000, order 50/2000, p.1690, dated 05.10.2000) regulates the general assignment of frequencies for use by cordless DECT telecommunication systems. It became effective on 04.01.2000. It replaces the official announcement 25/98 of the BMPT, order 145/1998, p. 3133, dated 12.23.1998 publishing the general assignment.

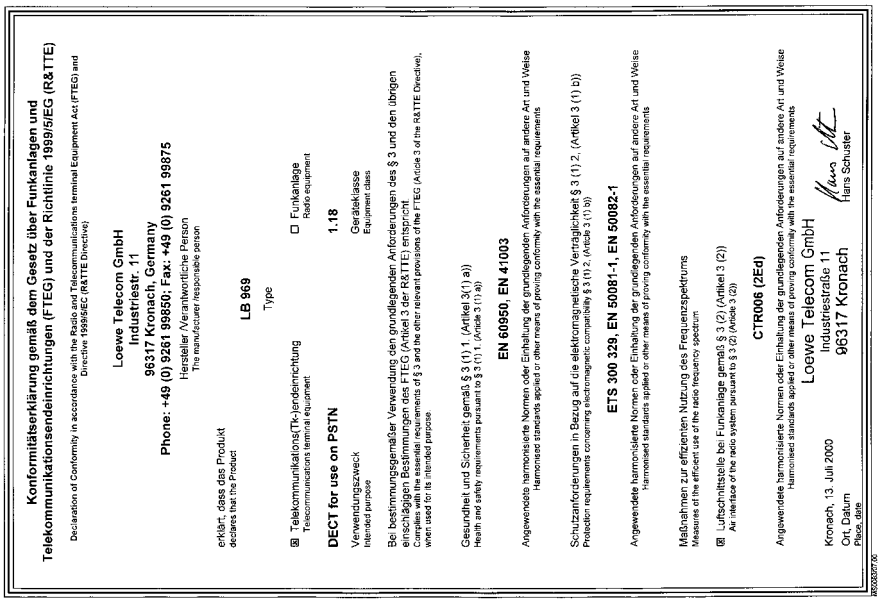
This general assignment applies to all cordless telecommunication systems of the DECT system. They may only be used in the following radio frequency range.

System DECT 1880 - 1900 MHz

The assignment of the frequency range 1880 - 1900 MHz in the frequency plan applies initially to a time frame of 8 years and will be continued as European harmonization is finalized.

9.2 European Standards Compatibility

This telephone carries the CE mark and complies with European standards. The alphaTel 5000DE/ DL is designed for connection to the public telephone network in your country as specified on the packaging. Any other use will be considered a misuse.
Specific national requirements are taken into account. If you have any questions concerning the difference in public telephone networks, please contact your dealer or network provider. The CE mark is confirmation that the device satisfies the basic requirements of terminating equipment regulations.



Konformitätserklärung gemäß dem Gesetz über Funkanlagen und Telekommunikationsendeinrichtungen (FTEG) und der Richtlinie 1999/5/EG (R&TTE)

Declaration of Conformity in accordance with the Radio and Telecommunications Terminal Equipment Act (FTEG) and Directive 1999/5/EC (R&TTE Directive)

Loewe Telecom GmbH
Industriestr. 11
96317 Kronach, Germany
Phone: +49 (0) 9261 99850; Fax: +49 (0) 9261 99875
Hersteller /Verantwortliche Person
The manufacturer /responsible person

erklärt, dass das Produkt
declares that the Product

LB 969
Type

☒ Telekommunikations(Tk-)endeinrichtung
Telecommunications terminal equipment

☐ Funkanlage
Radio equipment

DECT for use on PSTN

1.18

Verwendungszweck
Intended purpose

Geräteklasse
Equipment class

Bei bestimmungsgemäßer Verwendung den grundlegenden Anforderungen des § 3 und den übrigen einschlägigen Bestimmungen des FTEG (Artikel 3 der R&TTE) entspricht
Complies with the essential requirements of § 3 and the other relevant provisions of the FTEG (Article 3 of the R&TTE Directive), when used for its intended purpose

Gesundheit und Sicherheit gemäß § 3 (1) 1. (Artikel 3(1) a))
Health and safety requirements pursuant to § 3 (1) 1. (Article 3 (1) a))

EN 60950, EN 41003

Angewendete harmonisierte Normen oder Einhaltung der grundlegenden Anforderungen auf andere Art und Weise
Harmonised standards applied or other means of proving conformity with the essential requirements

Schutzanforderungen in Bezug auf die elektromagnetische Verträglichkeit § 3 (1) 2. (Artikel 3 (1) b))
Protection requirements concerning electromagnetic compatibility § 3 (1) 2. (Article 3 (1) b))

ETS 300 329, EN 50081-1, EN 50082-1

Angewendete harmonisierte Normen oder Einhaltung der grundlegenden Anforderungen auf andere Art und Weise
Harmonised standards applied or other means of proving conformity with the essential requirements

Maßnahmen zur effizienten Nutzung des Frequenzspektrums
Measures of the efficient use of the radio frequency spectrum

☒ Luftschnittstelle bei Funkanlage gemäß § 3 (2) (Artikel 3 (2))
Air interface of the radio system pursuant to § 3 (2) (Article 3 (2))

CTR006 (2Ed)

Angewendete harmonisierte Normen oder Einhaltung der grundlegenden Anforderungen auf andere Art und Weise
Harmonised standards applied or other means of proving conformity with the essential requirements

Kronach, 13. Juli 2000
Ort, Datum
Place, date

Loewe Telecom GmbH
Industriestraße 11
96317 Kronach

Hans Schuster

EG-Konformitätserklärung

EC Declaration of Conformity

Dokument-Nr./Monat . Jahr. Document No./Month . Year:	**MS0086a / 10.00**
Hersteller: Manufacturer:	**Loewe Telecom GmbH**
Anschrift: Address:	**Industriestr. 11** **96317 Kronach** **Germany**
Produkt: Product:	**Ladeschale für Mobilteil** Charger for use in addition to portable part
Produktbezeichnung: Product designation:	**LB 971**
Handelsname: Trade mark:	**Loewe alphaTel 5000 DL**

Das bezeichnete Produkt stimmt mit den Vorschriften folgender Europäischer Richtlinien überein:

Nummer: **73/23/EWG, geändert durch 93/68/EWG**
Text: Richtlinie des Rates vom 19. Februar 1973 zur Angleichung der Rechtsvorschriften der Mitgliedsstaaten betreffend elektrische Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen - Niederspannungsrichtlinie.

Nummer: **89/336/EWG, geändert durch 92/31/EWG und 93/68/EWG**
Text: Richtlinie des Rates vom 3. Mai 1989 zur Angleichung der Rechtsvorschriften der Mitgliedsstaaten über die elektromagnetische Verträglichkeit.

Weitere Angaben über die Einhaltung dieser Richtlinien enthält der Anhang

The designated product conforms to the provisions of the following European Community Directives:

Number: 73/23/EEC as amended by 93/68/EEC
Text: Electrical equipment designed for use within certain voltages limits - Low Voltage Directive (LVD).

Number: 89/336/EEC as amended by 92/31/EEC and 93/68/EEC
Text: Electromagnetic compatibility

For further information about compliance with these directives, see Annex

Anbringung der CE-Kennzeichnung[1]):
Affixing of the CE marking

Aussteller: Loewe Telecom GmbH
Issuer:

Ort, Datum: Kronach, den 04.10.2000
Place, Date:

Rechtsverbindliche Unterschrift:
Legally binding signature:

Name: i. V. Hans Schuster i. A. Michael Steinhauser

Der Anhang ist Bestandteil dieser Erklärung.
Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, beinhaltet jedoch keine Zusicherung von Eigenschaften.
Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

The annex is integral parts of this declaration.
This declaration certifies compliance with the indicated directives but implies no warranty of properties.
The safety instructions of the accompanying product documentation shall be observed.

1) Nur nach der Niederspannungsrichtlinie
Only for the Low Voltages Directive

Konformitätserklärung gemäß dem Gesetz über Funkanlagen und Telekommunikationsendeinrichtungen (FTEG) und der Richtlinie 1999/5/EG (R&TTE)

Declaration of Conformity in accordance with the Radio and Telecommunications terminal Equipment Act (FTEG) and Directive 1999/5/EC (R&TTE Directive)

Loewe Telecom GmbH
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Phone: +49 (0) 9261 99850; Fax: +49 (0) 9261 99875

Hersteller /Verantwortliche Person
The manufacturer /responsible person

erklärt, dass das Produkt
declares that the Product

LB 989

Type

☒ Telekommunikations(Tk-)endeinrichtung
Telecommunications terminal equipment

☐ Funkanlage
Radio equipment

DECT Portable Part — **1.18**

Verwendungszweck / Intended purpose — Geräteklasse / Equipment class

Bei bestimmungsgemäßer Verwendung den grundlegenden Anforderungen des § 3 und den übrigen einschlägigen Bestimmungen des FTEG (Artikel 3 der R&TTE) entspricht.
Complies with the essential requirements of § 3 and the other relevant provisions of the FTEG (Article 3 of the R&TTE Directive), when used for its intended purpose.

Gesundheit und Sicherheit gemäß § 3 (1) 1. (Artikel 3(1) a))
Health and safety requirements pursuant to § 3 (1) 1. (Article 3 (1) a))

EN 60950, EN 41003

Angewendete harmonisierte Normen oder Einhaltung der grundlegenden Anforderungen auf andere Art und Weise
Harmonised standards applied or other means of proving conformity with the essential requirements

Schutzanforderungen in Bezug auf die elektromagnetische Verträglichkeit § 3 (1) 2, (Artikel 3 (1) b))
Protection requirements concerning electromagnetic compatibility § 3 (1) 2, (Article 3 (1) b))

ETS 300 329, EN 50081-1, EN 50082-1

Angewendete harmonisierte Normen oder Einhaltung der grundlegenden Anforderungen auf andere Art und Weise
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Measures of the efficient use of the radio frequency spectrum

☒ Luftschnittstelle bei Funkanlage gemäß § 3 (2) (Artikel 3 (2))
Air interface of the radio system pursuant to § 3 (2) (Article 3 (2))

CTR006 (2Ed)

Angewendete harmonisierte Normen oder Einhaltung der grundlegenden Anforderungen auf andere Art und Weise
Harmonised standards applied or other means of proving conformity with the essential requirements

Loewe Telecom GmbH
Industriestraße 11
96317 Kronach

Kronach, 13. Juli 2000
Ort, Datum
Place, date

Hans Schuster

9.3 Conditions of Warranty

This unit has been manufactured and tested with great care. The warranty period is 12 (twelve) months starting on the day of purchase. Proof of purchase is the receipt. The 12-month warranty period applies in Germany, Austria, Switzerland, Luxembourg, Belgium, and the Netherlands.

During this warranty period, all deficiencies caused by material or manufacturing faults will be corrected free of charge by authorized customer service dealers. We reserve the right to repair or replace defective parts or to replace the unit.

Manipulations by the purchaser or third parties will invalidate the warranty. Damages caused by incorrect use or wear and tear are not covered by the warranty..

The warranty does not cover supplies. It also does not include deficiencies which only have an insignificant effect on the value or usability of the telephone.

You can also take your warranty claims directly to Loewe's authorized customer service center.

9.4 Cleaning

We recommend cleaning the base station/charging unit and the handset with a damp cloth. The cloth may also be moistened with plastic cleaner. Avoid sprays and too much liquid since these substances may seep through the openings and into the internal workings of the unit where they can cause damage.

Never use cleaners containing abrasives, alcohol, spirits or solvents (e.g., turpentine). These agents may corrode the plastic housing and damage the labels.

9.5 Disposing/Recycling of Chargeable Batteries/Batteries

Do not dispose of chargeable batteries and batteries with normal household trash!

As a consumer, you are legally obligated to return chargeable batteries and batteries. You can return them to the local collection points in your community or to specialized dealers. The chargeable batteries and batteries included with the telephone do not contain contaminants such as lead, cadmium or mercury.

Conventional chargeable batteries and batteries may contain heavy metals which are marked as shown below:

Pb for lead

Cd for cadmium

Hg for mercury

Pb

Cd

Hg

How to dispose of your unit:

After this product has provided you with many years of good service but is now too old, do not throw it away with normal household trash. Do the environment a favor and dispose of your unit at a recycling center which accepts old units and recycles them with a method which will not harm the environment.

10 Help When Malfunctions Occur

Not every malfunction means that the unit is defective. If you are able to detect simple causes of malfunctions (see section 11 "*What To Do When ...*") and eliminate them, you can save time and money. However, do not perform repairs inside the unit yourself.

Check to determine whether the batteries are installed correctly (poles) and are sufficiently charged. Are all handsets registered? Are all plugs snapped in and no cables damaged? Since both ends of all cables can be plugged in, they are easy to replace.

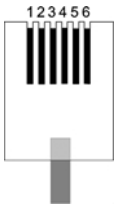
If your problem continues and you are unable to correct it with the error list, contact our hotline.:

Country	Telephone	Email
Belgium		Telecom.hotline@loewe.be
Germany	0180/5221803 Mo.-Fr. from 8.00-18.00	LT.Hotline@loewe.de
Luxembourg	32(0)902/88002	Telecom.hotline@loewe.be
Netherlands		Telecom.hotline@loewe.nl
Switzerland	0900/900/019 Mo.-Fr. from 9.00-11.45; 13.30-17.00	infoprofcom@telion.ch
France	03 88 79 75 50	loewe.technique@wanadoo.fr
Italy	800-43.77.71 Mo-Fr from 9:00 to 12:30	aerredigit@aerredigit.it
Spain	902 11 80 15	loewetelecom@maygap.com

Customer service will be glad to give you information. Have designation, article number, serial number and date of purchase handy.

If repairs are necessary, please fill out the enclosed section 13 "Error report " (page 81) with as many details as possible and include it with the unit. The above service centers will also give you the address.

11 What To Do When ...

Symptom	Possible Remedy
Base station	
Base station doesn't ring.	Set the volume of the ringer (see page 43)
No display/function	Make sure power supply is working. Connect AC adapter (see page9).
Call hold key does not work on PABX systems	Set flash recall time for PABX (see page 71)
Incorrect redial and dialling from the phone book on the PABX	Set the line access number (see page 70)
AWADO or second ringer doesn't work.	The telephone doesn't have a W-wire.
	b a D 2 5 CH 2 3 F/NL/B/LUX/I/ESP 3 4 
No key beep	Switch on key beep (see page 45)
Master pin forgotten. Isn't accepted.	1. Disconnect AC adapter cable from base station. 2. Keep pager key pressed and connect AC adapter cable again. 3. Release pager key after the signal tone. 4. Disconnect AC adapter cable again and reconnect The base station has now been reset to the default values. Do not forget to register the handset again!!
Handset	

Symptom	Possible Remedy
Display is blank.	Install batteries (observe correct polarity).
Display shows battery low. Warning tone.	Fully recharge the batteries.
Handset doesn't ring.	Switch on the ringer (see page 43).
Handset cannot be operated	Remove the batteries and reinsert them Check the mains voltage supply
Handset PIN is rejected.	Press down the keys ⊛, # and ⓛ and switch on the handset. All memories are cleared.! The handset is no longer registered on a base station!

12 Technical Data

Base station and handset

Standard	DECT/GAP
Number of channels	120 duplex channels
Channel spacing	1.728 MHz
Bit rate	1152 kbit/ sec
Duplex procedure	TDMA (time division multiple access procedure)
Voice coding	ADPCM (32kbit/s)
Modulation	GFSK
Radio frequency range	1.880 GHz to 1.900GHz
Average transmission power	approx. 10 mW (per channel)
Range	Up to 300 m outdoors Up to 50 m indoors
Power supply	
Base station and charging unit	230V / 50 Hz
Handset	2 NiMh battery 550mAh
Handset operating time with full battery	Talktime: up to 7 hours Standby time: up to 100 hours
Permissible ambient temperature	0°C to 40°C
Permissible storage temperature	-20°C to 60°C
Dimensions (length x width x height)	
Handset	150 x 50 x 27 mm
Weight	
Handset	125 g
Dialling procedure	Dual-tone multi-frequency dialling (DTMF)
Recall key function	Flash / Hook-Flash
Line cord	approx. 3 m
AC adapter	With Euro mains plug, connection cable approx. 2 m

13 Error report

Dear Customer,

since we are constantly trying to improve our processes, it would be a great help to us if you would fill out this form and return it with the unit..

What is wrong?

Base station

- ❒ No function
- ❒ Faulty ringer
- ❒ Acoustic malfunctions
- ❒ No connection between handset and base station

Handset

- ❒ No function
- ❒ Does not dial, dials incorrectly
- ❒ Faulty ringer
- ❒ Acoustic malfunctions
- ❒ Indication/display error
- ❒ Batteries are not charged/empty too soon
- ❒ Faulty memory
- ❒ Keys stick.

Additional information:

_____

_____

Is the unit being used with a PABX?:

❑ no ❑ yes, type: _____

How often does the malfunction occur?

❑ always ❑ only from time to time

Sender: _____

_____

_____

Telephone number: _____

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15 Pocket Guide

The **Loewe alphaTel 5000** is menu-prompted. Menu items are selected with ⊖ and confirmed with the **OK** key. Here are a few examples:

Telephone	
Accept an external/internal call	Lift handset from base or ✆ / press any key
Accept external call during an internal call (call waiting)	⊛ long
Call hold (internal)/Broker	⊛ long, handset number / broker with ⊛ long
Three-party conference	Call third party (⊛ long and phone number), start and end three-party conference with ⋕
Receiver/speaker volume	During call with ⊖ (remains stored)
Group listening/hands-free	During call ✆ (1x group listening, 2x hands-free)
Dialling from the Phone book	📖 - with ⊖ select name - ✆
Dialling from the Caller ID List	**MENU** – **Caller ID list** – select entry with ⊖ - ✆
Redialling	**MENU** - **Redialling** – select entry with ⊖ - ✆
Fast dialling function memory Call	Call memory location or function, press ⊂ longer than 1 second Press ⊂ 1x briefly for phone numbers, select with ⊖, dial with ✆ Press ⊂ 2x briefly for functions, **OK**, etc.
Settings handset	
Ringer volume	**MENU** - **Settings** - **Handset** - **Tones & melodies**.
Network provider on/off	**MENU** - **Settings** - **Handset** – **Network provider OFF/ON** - **OK**
Select base station	**MENU** - **Settings** - **Handset** – **Select base** - Base 1 to 4
Enter baby call number	**MENU** - **Settings** - **Handset** – **Baby call** – **Baby call number** - Number - **OK**
Activate baby call	**MENU** - **Settings** - **Handset** – **Baby call** - **Baby Mode** - **OFF/ON**
Settings base station	
Ringer volume	**MENU** - **Settings** - **Base** - **Tones & melodies** – **Ringer volume**
Total telephone costs	**MENU** - **Settings** - **Base** – **Call check** – **Call costs** – **Total costs**
Telephone costs / Handset	**MENU** - **Settings** - **Base** – **Call check** - - **Call costs** - **Costs/Handset** - Handset 1 to 6

alphaTel 5000

LOEWE Product Program

alphaTel 5000 DE
(Article no. 60101)

Cordless DECT telephone

alphaTel 5000 DA
(Article no. 60103)

Cordless DECT telephone with
fully digital answering machine

alphaTel 5000 DL
(Article no. 60105)

Handset with charging unit

233-90357.924 Edition 7.2001q

CE

LOEWE.